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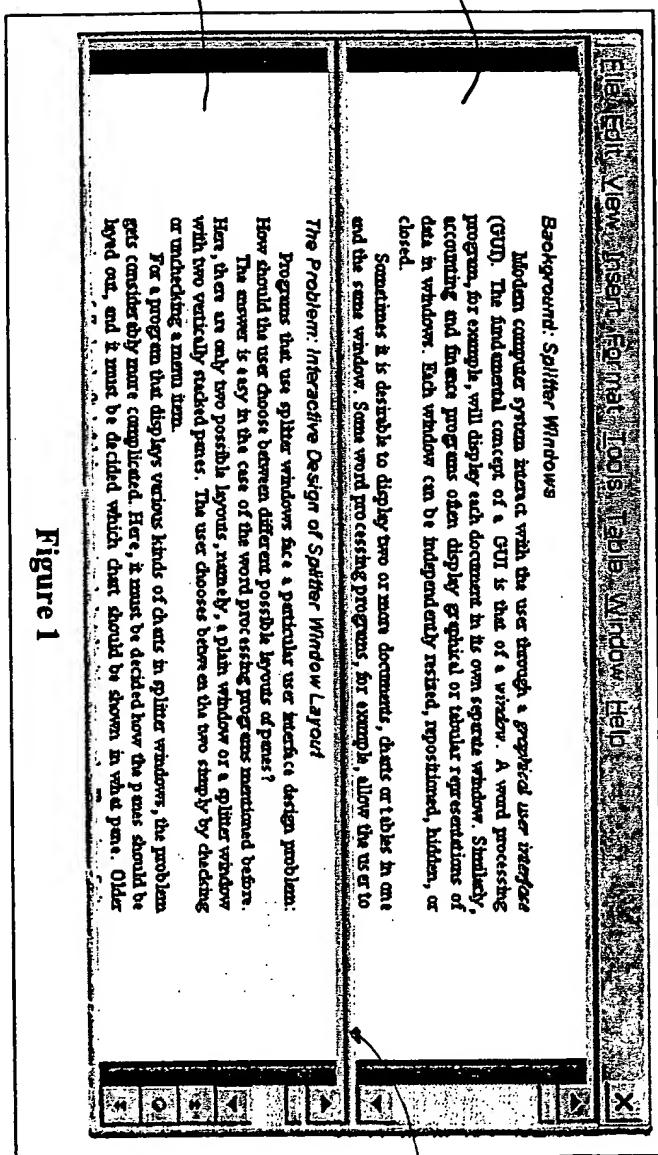
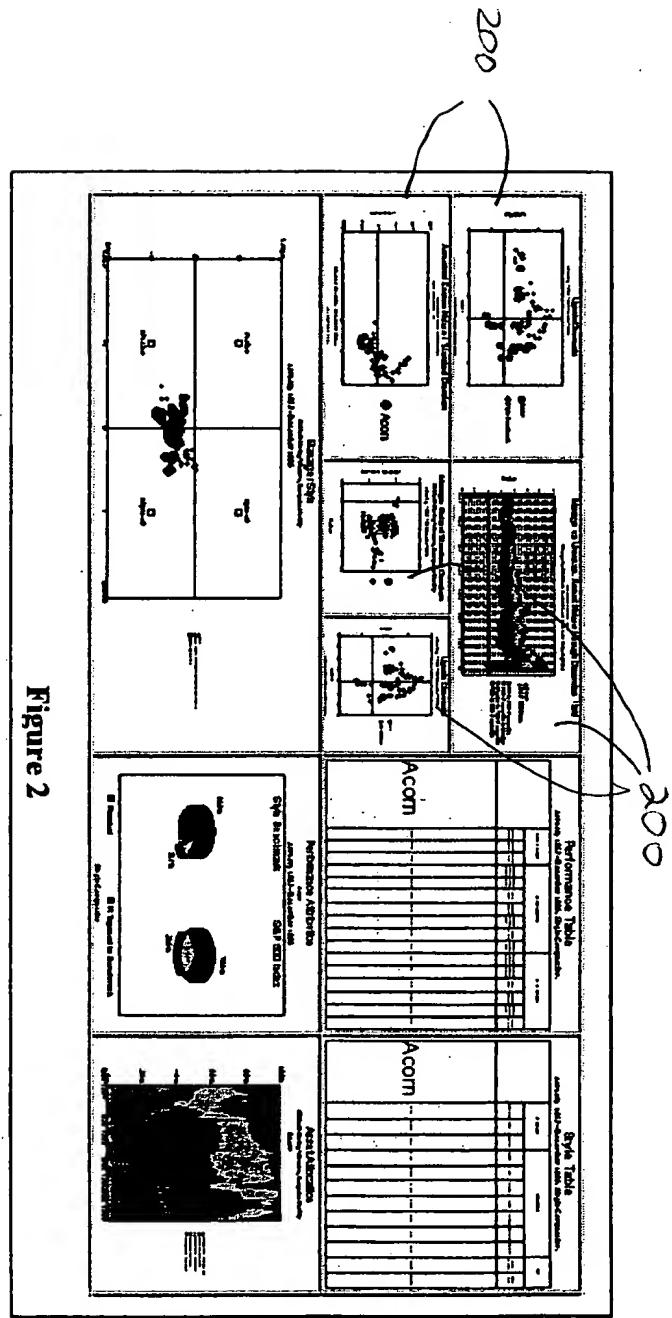


Figure 1



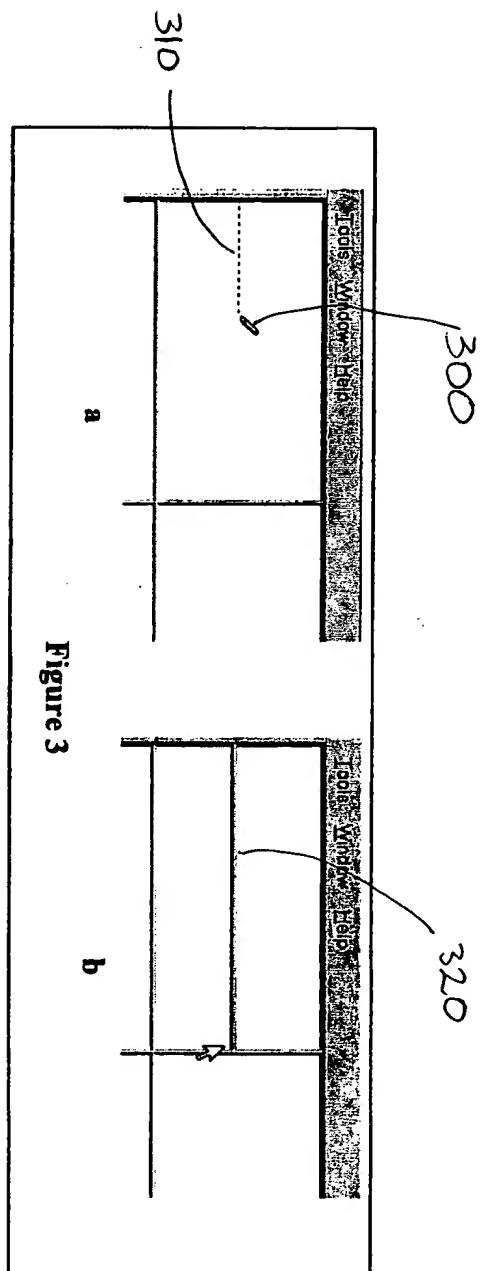


Figure 3

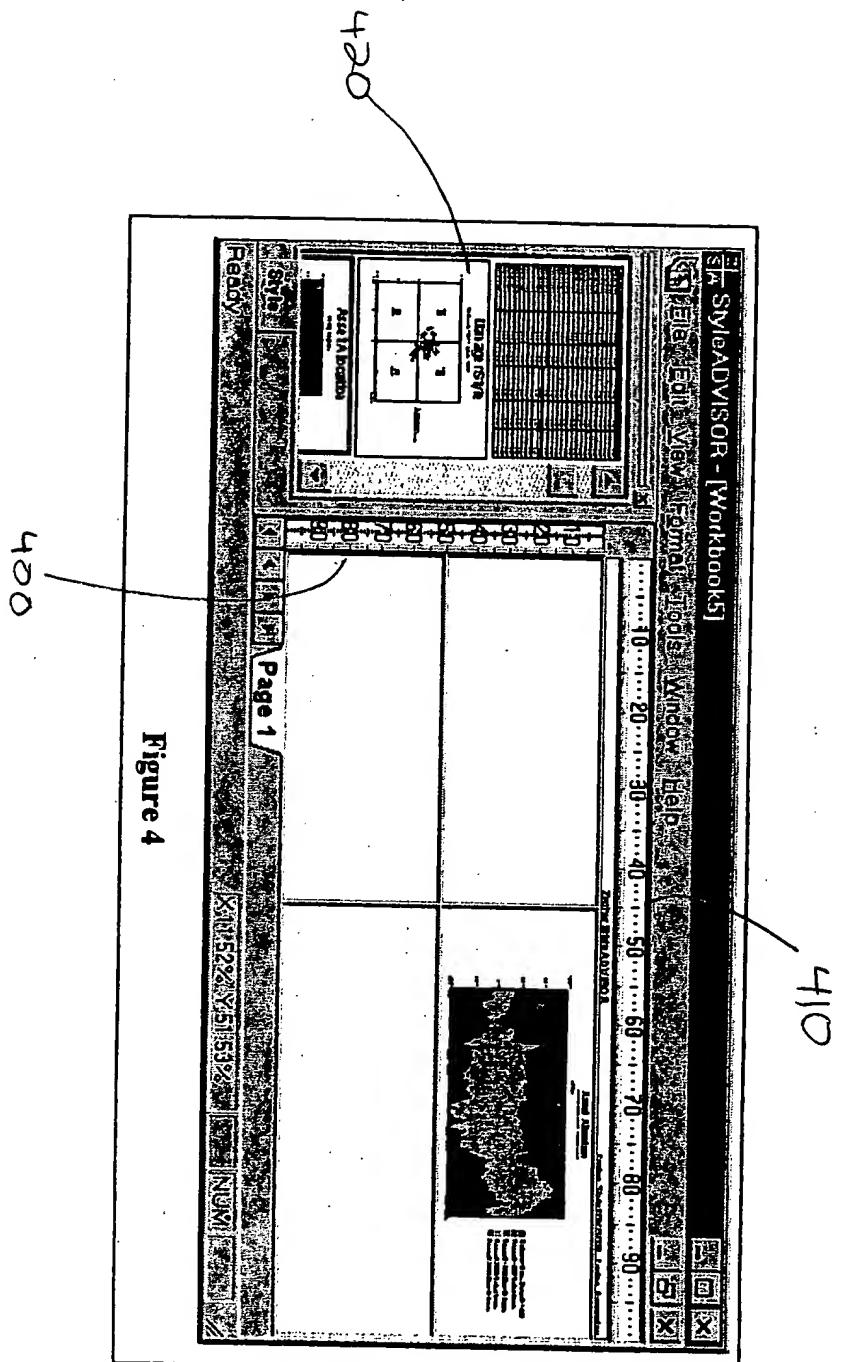


Figure 4

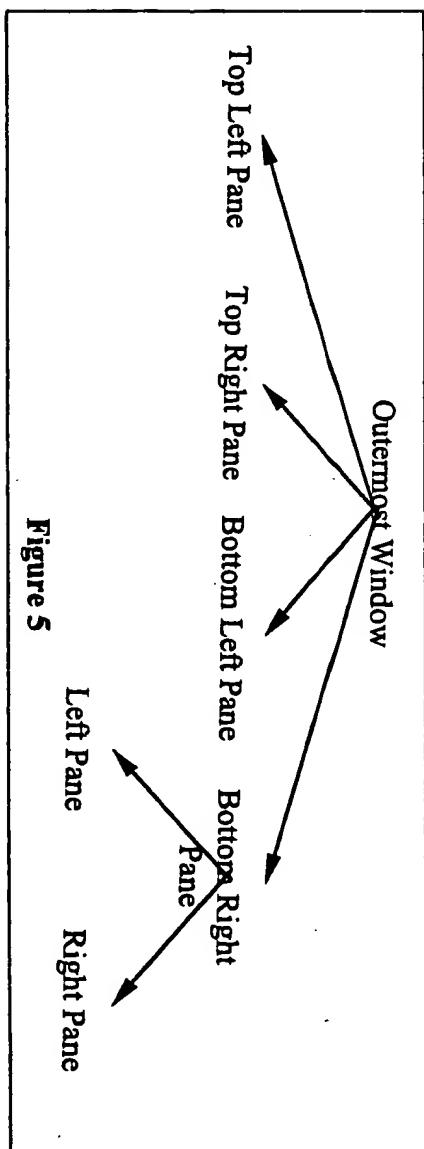
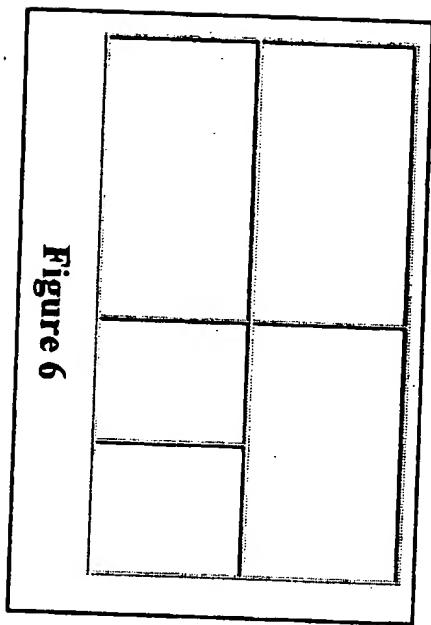


Figure 5



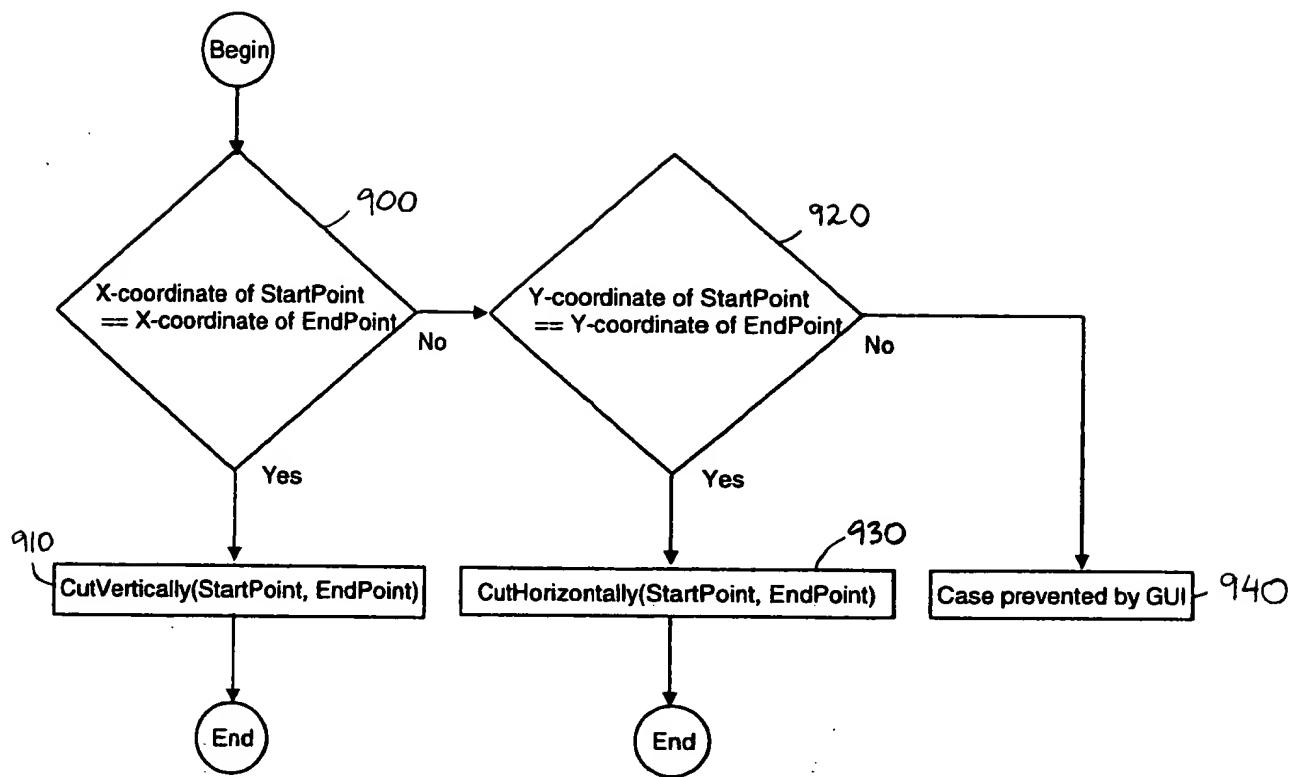


FIG. 7: CNode::Cut(StartPoint, EndPoint)

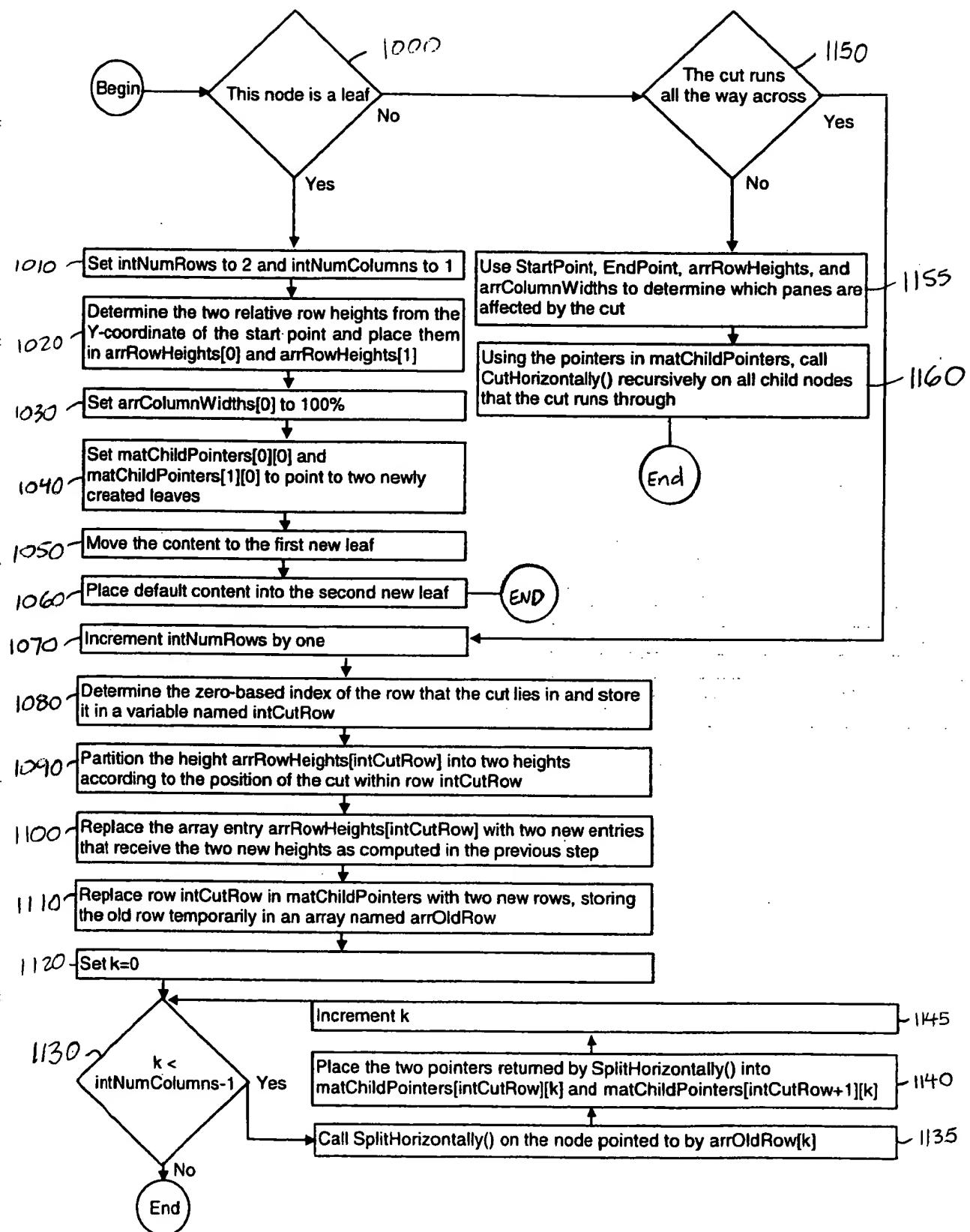


FIG. 8: CNode::CutHorizontally(StartPoint, EndPoint)

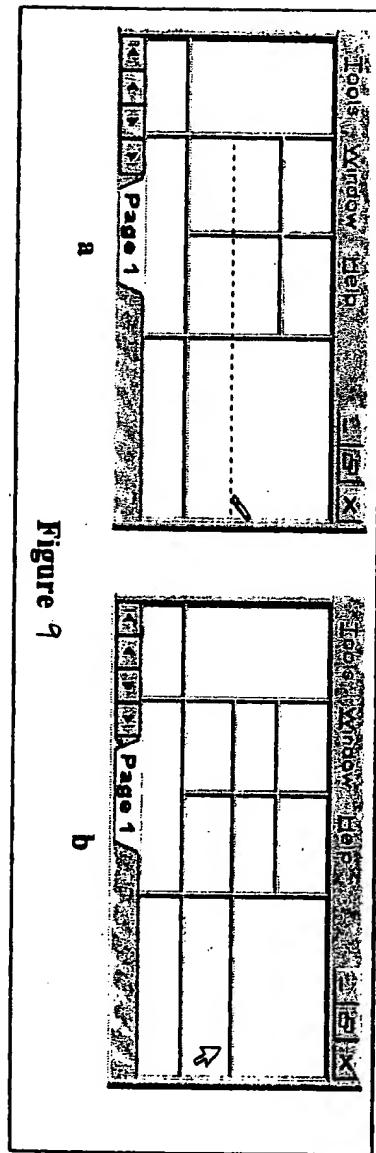
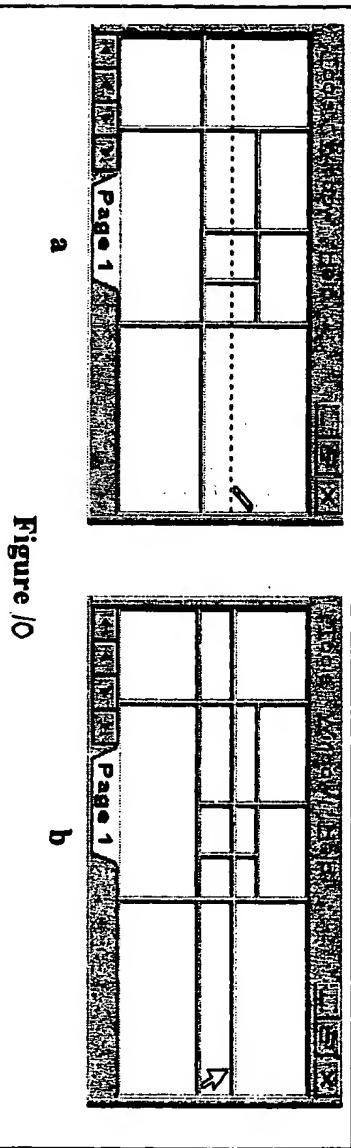


Figure 9

b



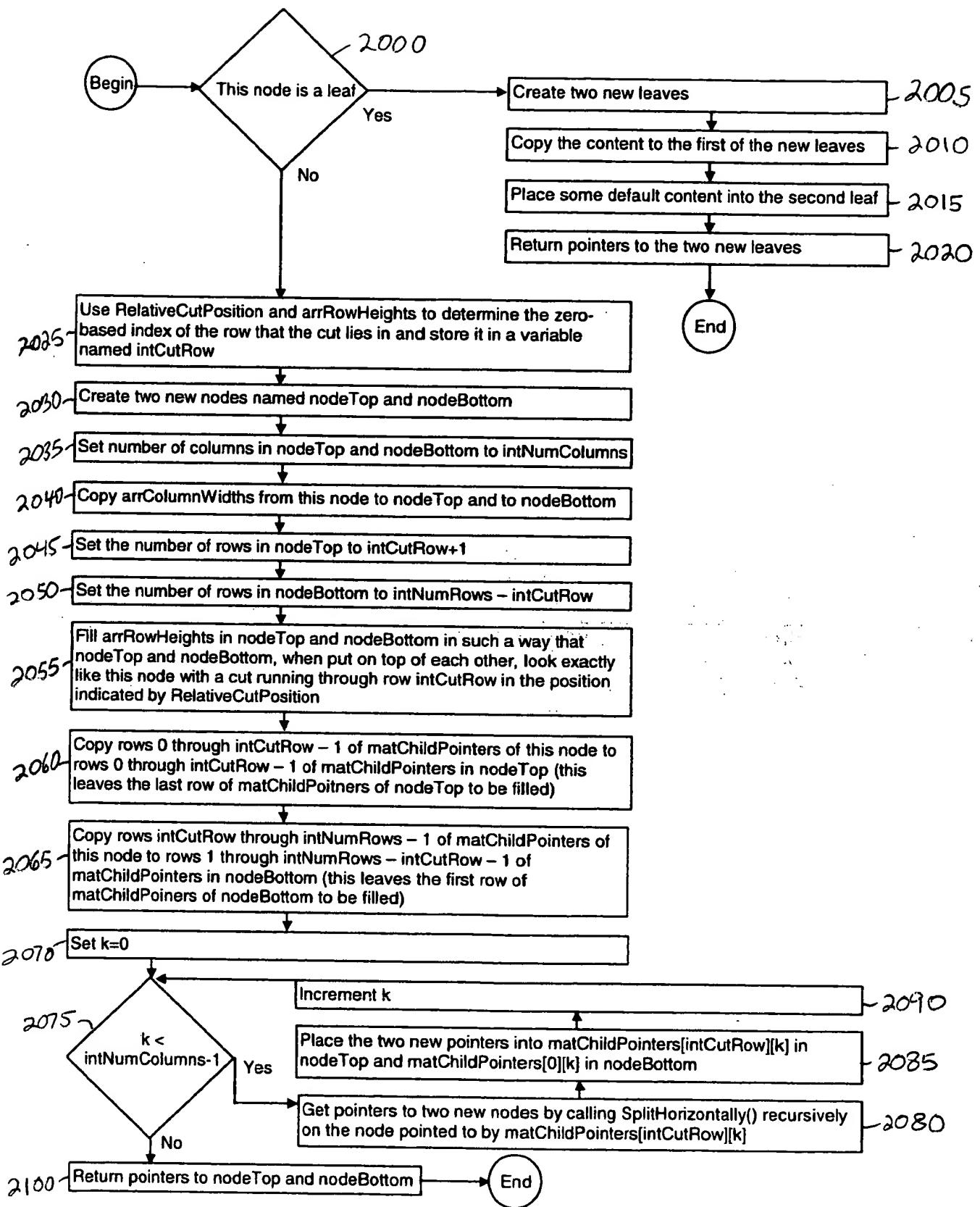


FIG.11: CNode::SplitHorizontally(StartPoint, EndPoint)

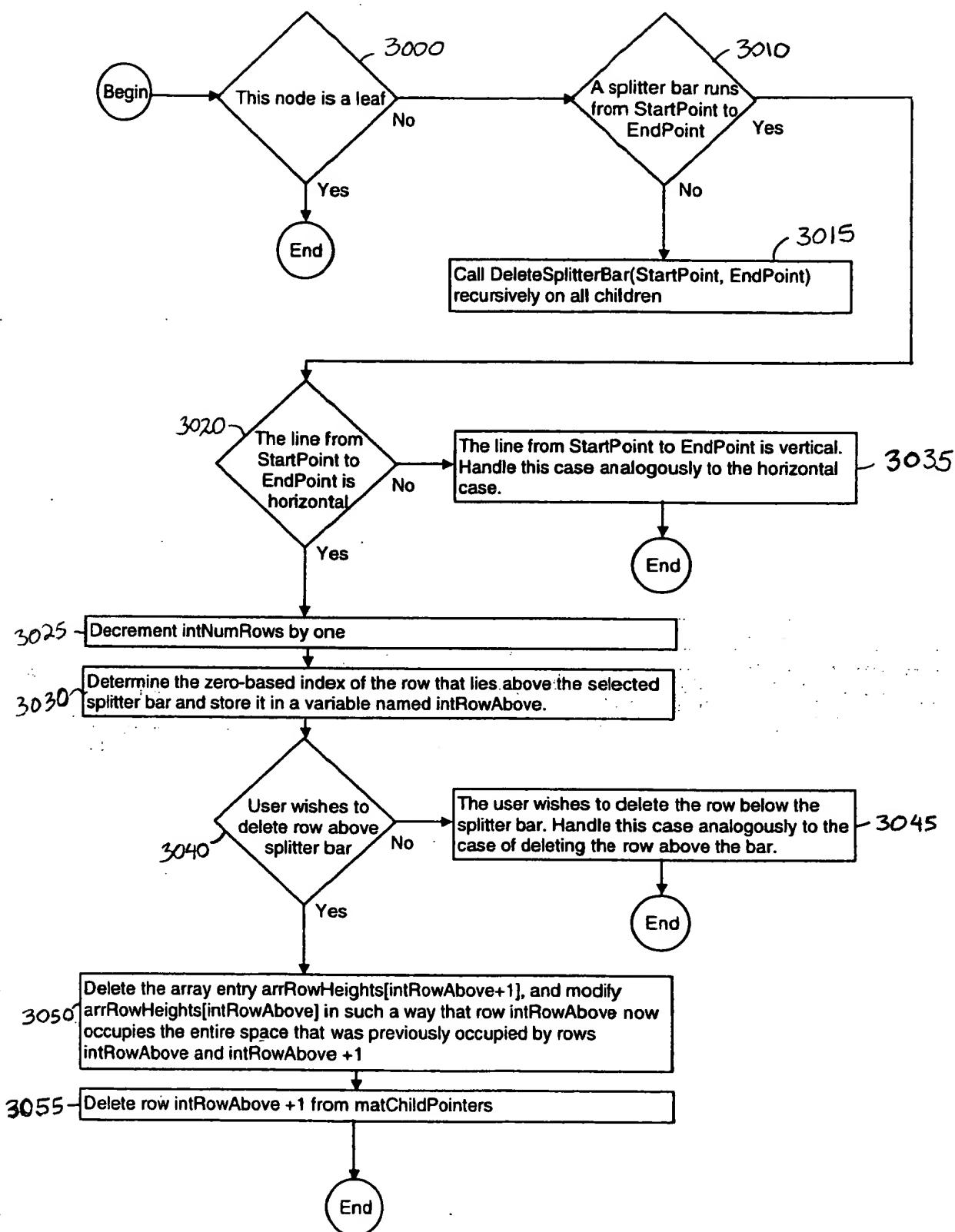


FIG. 12: CNode::DeleteSplitterBar(StartPoint, EndPoint)

**CNode Data Members:**

- intNumRows (number of rows)
- intNumColumns (number of columns)
- arrRowHeights (array of relative row heights)
- arrColumnWidths (array of relative column widths)
- matChildPointers ((intNumRows × intNumColumns)-Matrix of pointers to children)
- pWindow (pointer to GUI window)

**CNode Methods:**

- Cut(StartPoint, EndPoint)
- CutHorizontally(StartPoint, EndPoint)
- CutVertically(StartPoint, EndPoint)
- SplitHorizontally(RelativeCutPosition)
- SplitVertically(RelativeCutPosition)
- DeleteSplitterBar(StartPoint, EndPoint)

Appendix A